ELSEVIER

Aquatic Botany 72 (2002) 405–407

Aquatic botany

www.elsevier.com/locate/aquabot

Contents of *Aquatic Botany*, Volume 72

VOL. 72 NO. 1 **FEBRUARY 2002**

New foliose and gelatinous red macroalgae (Rhodophycota) from the Azores: morphological and geographical observations
A.I. Neto, M.R. Terra (Ponta Delgada, Portugal) and R.J. Haroun (Las Palmas, Spain) . . . 1

Leaf production rates of *Thalassodendron ciliatum* from rocky and sandy habitats
S.O. Bandeira (Göteborg, Sweden) . . . 13

Symbiotic germination of three semi-aquatic rein orchids (*Habenaria repens*, *H. quinquiseta*, *H. macroceratitis*) from Florida
S.L. Stewart and L.W. Zettler (Jacksonville, IL, USA) . . . 25

Spatio-temporal variability of wasting disease symptoms in eelgrass meadows of Brittany (France)
C. Hily, C. Raffin, A. Brun (Plouzané, France) and C. den Hartog (Berg en Dal, The Netherlands) . . . 37

Physiological and anatomical characterisation of *Phragmites australis* leaves
M. Antonielli, S. Pasqualini, P. Batini, L. Ederli (Perugia, Italy), A. Massacci and F. Loreto (Rome, Italy) . . . 55

The influence of freshwater runoff on biomass, morphometrics, and production of *Thalassia testudinum*
E. Irlandi, B. Orlando, S. Maciá, P. Biber, T. Jones, L. Kaufman, D. Lirman and E.T. Patterson (Miami, FL, USA) . . . 67

Cupule structure of *Dalzellia ceylanica* and *Indotristicha ramosissima* (Podostemaceae)
I. Jäger-Zürn (Königstein, Germany) and C. Joyce Mathew (Alwaye, India) . . . 79

Guide for Authors . . . 93

VOL. 72 NO. 2 **MARCH 2002**

Predation on seeds of seagrasses *Zostera marina* and *Zostera caulescens* by a tanaid crustacean *Zeuxo* sp.
M. Nakaoka (Tokyo, Japan) . . . 99

Methanotrophic bacteria and their activity on submerged aquatic macrophytes
B.K. Sorrell, M.T. Downes and C.L. Stanger (Christchurch, New Zealand) . . . 107

Applying the seedling-emergence method under waterlogged conditions to detect the seed bank of aquatic plants in submerged sediments
G. Boedeltje, G.N.J. ter Heerdt and J.P. Bakker (Haren, The Netherlands) . . . 121

Factors influencing seed production of *Phragmites australis*
J. Ishii and Y. Kadono (Kobe, Japan) . . . 129

Effect of grazing and water column nutrient supply on biomass and nutrient content of sediment microalgae
H. Hillebrand and M. Kahlert (Norrtälje, Sweden) . . . 143

PII: S0304-3770(02)00014-1

Natural hybridization and the imperiled *Nuphar* of western Japan
D.J. Padgett (Bridgewater, MA, USA), M. Shimoda (Hiroshima, Japan), L.A. Horky (Bridgewater, MA, USA) and D.H. Les (Storrs, CT, USA) 161

Short communications

Transient transformation of *Wolffia columbiana* by particle bombardment
C. Kruse, R. Boehm (Bonn, Germany), D. Voeste (Schifferstadt, Germany), S. Barth (Aachen, Germany) and H. Schnabl (Bonn, Germany) 175

Biomass, production and rhizome growth near the northern limit of seagrass (*Zostera marina*) distribution
C.M. Duarte, R. Martínez and C. Barrón (Esporles, Spain) 183

Erratum 191

Publisher's Acknowledgement 201

VOL. 72 NOS. 3–4 **APRIL 2002**

Editorial 205

Species-specific depth zonation in New Zealand charophytes as a function of light availability
A.-M. Schwarz (Christchurch, New Zealand), M. de Winton (Hamilton, New Zealand) and I. Hawes (Christchurch, New Zealand) 209

A comparative study of the use of inorganic carbon resources by *Chara aspera* and *Potamogeton pectinatus*
M.S. Van den Berg, H. Coops (Lelystad, The Netherlands), J. Simons (Amsterdam, The Netherlands) and J. Pilon (Maarssen, The Netherlands) 219

Deposition, germination and spatio-temporal patterns of charophyte propagule banks: a review
A. Bonis (Rennes, France) and P. Grillas (Arles, France) 235

Chara beds acting as nutrient sinks in shallow lakes—a review
L. Kufel and I. Kufel (Mikołajki, Poland) 249

Impact of submerged macrophytes including charophytes on phyto- and zooplankton communities: allelopathy versus other mechanisms
E. van Donk and W.J. van de Bund (Nieuwersluis, The Netherlands) 261

Dominance of charophytes in eutrophic shallow lakes—when should we expect it to be an alternative stable state?
E.H. van Nes, M. Scheffer (Wageningen, The Netherlands), M.S. van den Berg and H. Coops (Lelystad, The Netherlands) 275

The influence of environmental variables and a managed water recession on the growth of charophytes in a large, subtropical lake
A.D. Steinman, K.E. Havens, A.J. Rodusky, B. Sharfstein, R. Thomas James and M.C. Harwell (West Palm Beach, FL, USA) 297

Seasonal changes of mechanisms maintaining clear water in a shallow lake with abundant *Chara* vegetation
I. Blindow, A. Hargeby (Lund, Sweden) and G. Andersson (Malmö, Sweden) 315

Seasonal changes in biomass of charophytes in shallow lakes in the northwest of Spain
M. Fernández-Aláez, C. Fernández-Aláez and S. Rodríguez (León, Spain) 335

Response of herbivorous water-birds to the return of *Chara* in Lake Veluwemeer, The Netherlands
R. Noordhuis, D.T. van der Molen and M.S. van den Berg (Lelystad, The Netherlands) . . 349

Occurrence of Characeae in Switzerland over the last two centuries (1800–2000)
D. Auderset Joye, E. Castella and J.-B. Lachavanne (Geneve, Switzerland) 369

Aquatic macrophytes: restore, eradicate or is there a compromise?
E.H. van Nes, M. Scheffer (Wageningen, The Netherlands), M.S. van den Berg and H. Coops (Lelystad, The Netherlands) 387

Contents of *Aquatic Botany*, Volume 72 405